

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	41	bitstream with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L2	6	L1 and pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L3	178	bit adj stream with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L4	1	L3 and pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L5	5880	(identical or sam\$1 or duplicate) near3 signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L6	1000	(datastream or bitstream or ((bit or data) adj stream)) and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L7	98	L6 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L8	125	(datastream or bitstream or ((bit or data) adj stream)) same first same second same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L9	31	(identical or sam\$1 or duplicate) same L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L10	1483	(datastream or bitstream or ((bit or data) adj stream)) same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L11	71	L10 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19

## EAST Search History

L12	23973	(datastream or bitstream or ((bit or data) adj stream)) same first same second	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L13	24	L11 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L14	15	PLD near2 restrict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:19
L15	0	L14 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:20
L16	82	PLD with restrict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:20
L17	8	L16 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:20
L18	31	PLD with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:20
L19	14	"6817006"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:20
L20	110522	application adj specific	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L21	3745	L20 with PLD	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L22	139957	(datastream or bitstream or ((bit or data) adj stream))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L23	19	L22 same L21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21

## EAST Search History

L24	176850	(datastream or bitstream or ((bit or data) adj stream)) or config\$8 adj (data or stream)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L25	851	checksum near2 (sam\$1 or identical or duplicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L26	16	L24 same L25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L27	72	bitstream same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L28	1119	crc same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L29	10	L27 and L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:21
L30	2020	identical with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:22
L31	104	L28 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:31
L33	774	716/17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:32
L36	1	(pld and first with bitstream with second and signature).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/29 09:35
S1	37	bitstream with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:29
S2	4	S1 and pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:22

## EAST Search History

S3	64	signature same bitstream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:21
S4	4	S3 and pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:22
S5	167	bit adj stream with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:23
S6	1	S5 and pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:24
S7	722	(datastream or bitstream or ((bit or data) adj stream)) with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 15:57
S8	39	S7 and (FPGA or PLD)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:30
S9	4967	(identical or sam\$1 or duplicate) near3 signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:51
S10	813	(datastream or bitstream or ((bit or data) adj stream)) and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:49
S11	81	S10 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:58
S13	434	(datastream or bitstream or ((bit or data) adj stream)) same (first and second and signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:41
S14	107	(datastream or bitstream or ((bit or data) adj stream)) same first same second same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:00
S15	26	(identical or sam\$1 or duplicate) same S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:11

## EAST Search History

S16	122	(datastream or bitstream or ((bit or data) adj stream)) same hash same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:08
S17	1	S16 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:00
S18	1292	(datastream or bitstream or ((bit or data) adj stream)) same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:00
S19	52	S18 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:00
S20	20749	(datastream or bitstream or ((bit or data) adj stream)) same first same second	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:00
S21	15	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:07
S22	41	(datastream or bitstream or ((bit or data) adj stream)) with (change or manipulats\$5) same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:47
S23	10	PLD near2 restrict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:23
S24	0	S23 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:23
S25	68	PLD with restrict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:26
S26	6	S25 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:23
S27	27	PLD with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:35

## EAST Search History

S28	7	"6817006"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:41
S29	87831	application adj specific	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:41
S30	2514	S29 with PLD	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:41
S31	120619	(datastream or bitstream or ((bit or data) adj stream))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:41
S32	15	S31 same S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:42
S33	84	(datastream or bitstream or ((bit or data) adj stream)) with (change or manipulat\$5) with key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:48
S34	0	S33 same pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:48
S35	2736	(datastream or bitstream or ((bit or data) adj stream)) with key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:48
S36	15	S35 same pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 17:49
S37	8	S35 same pld same (first or 1st) same (second or 2nd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 15:56
S38	12431	"cyclic redundancy check"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:10
S39	1017	S38 and (PLD or FPGA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 15:57

## EAST Search History

S40	150625	(datastream or bitstream or ((bit or data) adj stream)) or config\$8 adj data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:28
S41	832	S38 same S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:08
S42	118	S41 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:09
S43	70614	"cyclic redundancy check" or crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:28
S44	5756138	(identical or sam\$1 or duplicate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:11
S45	90	S40 with S43 with S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:12
S46	25	S45 same (first and second or two)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:14
S47	2805	S43 with S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:15
S48	26879	S40 with (first and second or two)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:14
S49	31	S43 with S44 same S40 with ((first and second) or two)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:26
S50	1	S47 same pld	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:27
S51	151149	(datastream or bitstream or ((bit or data) adj stream)) or config\$8 adj (data or stream)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:28

## EAST Search History

S52	17	S43 same pld same S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/16 16:29
S53	70677	"cyclic redundancy check" or crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:30
S54	151347	(datastream or bitstream or ((bit or data) adj stream)) or config\$8 adj (data or stream)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:40
S55	975	S53 near2 (sam\$1 or identical or duplicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:36
S56	15856	S54 near2 (second or another or two or different)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:27
S57	1	S55 same S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:38
S58	6	zero same (add\$5 or append\$4) same S54 same divi\$5 same polynomial same remainder same S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:01
S59	0	shift adj register same bit adj extender same hash adj register same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:54
S60	0	shift adj register same bit adj extender same hash adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:54
S61	0	shift with register same bit with extender same hash with register	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:55
S62	0	shift with register same bit with extender same store with remainder same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:55
S63	2	shift with register same bit with (append\$4 or add\$5) same store with remainder same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 14:56



## EAST Search History

S64	102445	(append\$4 or add\$5 or exten\$5) with zero	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:02
S65	3049	divi\$5 with polynomial	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:04
S66	95	S64 same S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:05
S67	30	S66 same S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:26
S68	212	tail adj biting or tailbiting	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:12
S69	16	S68 same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:12
S70	2839	S53 with (sam\$1 or identical or duplicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:27
S71	36996	S54 with (second or another or two or different)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:27
S72	39	S70 same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:35
S73	44716	PLD or program\$5 with logic with device	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:36
S74	1500	S73 same S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:37
S75	7	S74 and signature same S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:37

## EAST Search History

S77	893	configuration with different with S54	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/21 15:56
S78	108	S77 same (PLD or FPGA or logic adj device or programmable near2 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:37
S79	16	S78 and crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:11
S80	3246	reconfigur\$5 same (PLD or FPGA or logic adj device or programmable near2 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:12
S81	9	S80 same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:12
S82	745	checksum near2 (sam\$1 or identical or duplicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:36
S83	32	S82 same S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:39
S84	1	S83 same (PLD or FPGA or logic adj device or programmable near2 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:37
S85	1	S82 same S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:40
S86	12	S54 same S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/21 16:41
S87	38	bitstream with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:50
S88	108	alter\$3 with bitstream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:30

## EAST Search History

S89	40276	(FPGA or PLD)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:54
S90	3	I and S88 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:31
S91	0	S90 and crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:31
S92	0	S87 and S88 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:34
S93	6	S87 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:37
S94	49	new with config\$8 with bitstream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:38
S95	3	S94 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:38
S96	66	bitstream same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:43
S97	1015	crc same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:43
S98	109	S97 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:47
S99	1862	identical with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:47
S10 0	10	S99 and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:45

## EAST Search History

S10 1	93	S97 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:47
S10 2	0	S101 and "716"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:47
S10 3	1184	(second or another or different) near2 bitstream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:47
S10 4	0	S103 and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:48
S10 5	9	S96 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:48
S10 6	1027	checksum with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:50
S10 7	169	S106 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:50
S10 8	36	S107 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:50
S10 9	1810	(FPGA or PLD) same (bitstream or (configuration near2 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:08
S11 0	25	S109 same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:55
S11 1	57	(FPGA or PLD) same (bitstream or (configuration near2 data)) same crc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:08
S11 2	251	crc near2 updat\$3	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 15:46

## EAST Search History

S11 3	13	S112 and S89	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 15:46
----------	----	--------------	--------------------------------	----	-----	------------------